



12.5X Continuous Zoom Lens

LZL-12100

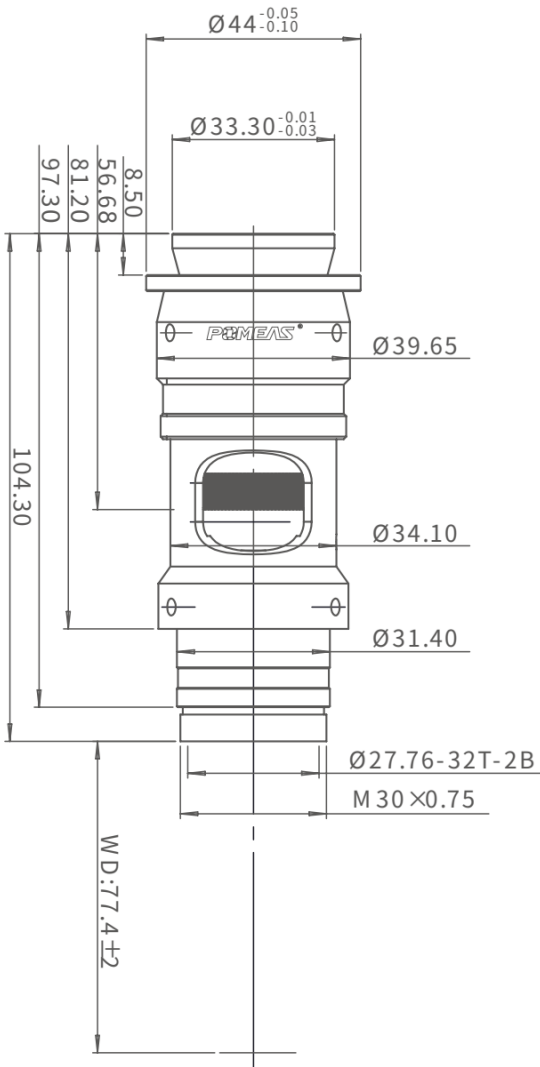
For semiconductor, automation, electronics and communications applications.

- LZL-12100
- PRODUCT INTRODUCTION
- ◆ Telecentric optical design; optical magnification 0.58X-7.5X; zoom ratio 12.5:1.
 - ◆ With a 2/3-inch camera, the field of view reaches 1.467-18.333 mm.
 - ◆ Excellent optical performance: high resolution, low distortion and high N.A.
 - ◆ Compact structure for easy integration and installation.

LZL-12100		PRODUCT SPECIFICATIONS															
Model		LZL-12100															
Category		Fixed-magnification lens															
Optical magnification		0.58X~ 7.5X															
Working distance		77.4±2mm															
Magnification		0.58X	0.6X	1.0X	1.5X	2.0X	2.5X	3.0X	3.5X	4.0X	4.5X	5.0X	5.5X	6X	6.5X	7X	7.5X
Depth of field (mm)		2.75	2.67	0.95	0.43	0.27	0.2	0.15	0.12	0.1	0.081	0.073	0.066	0.061	0.056	0.052	0.05
N.A.		0.025	0.025	0.043	0.063	0.074	0.082	0.09	0.097	0.1	0.11	0.11	0.11	0.11	0.11	0.11	0.11
F.NO.		12.5	12.5	11.85	11.95	13.65	15.3	16.5	18.4	19.9	20.4	22.45	22.7	26.8	29.4	31.7	33.9
Resolution (μm)		13	13	7.8	5.3	4.53	4.09	3.73	3.46	3.36	3.05	3.05	3.05	3.05	3.05	3.05	3.05
TV distortion		0.050%	0.050%	0.002%	0.010%	0.020%	0.003%	0.020%	0.020%	0.018%	0.020%	0.010%	0.010%	0.001%	0.010%	0.005%	0.005%
Field of view (mm)	Diagonal	18.97	18.33	11.00	7.33	5.50	4.40	3.67	3.14	2.75	2.44	2.20	2.00	1.83	1.69	1.57	1.47
	Horizontal	15.17	14.67	8.80	5.87	4.40	3.52	2.93	2.51	2.20	1.96	1.76	1.60	1.47	1.35	1.26	1.17
	Vertical	11.38	11.00	6.60	4.40	3.30	2.64	2.20	1.89	1.65	1.47	1.32	1.20	1.10	1.02	0.94	0.88
Maximum compatible sensor		2/3"															
Mount		C mount															
Zoom method		Manual zoom															
Focus adjustment		\															

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PRODUCT DIMENSIONS



Unit: mm	Scale: 1:1	Model	LZL-12100
Projection:		Name	
		Date	2017/08/04

